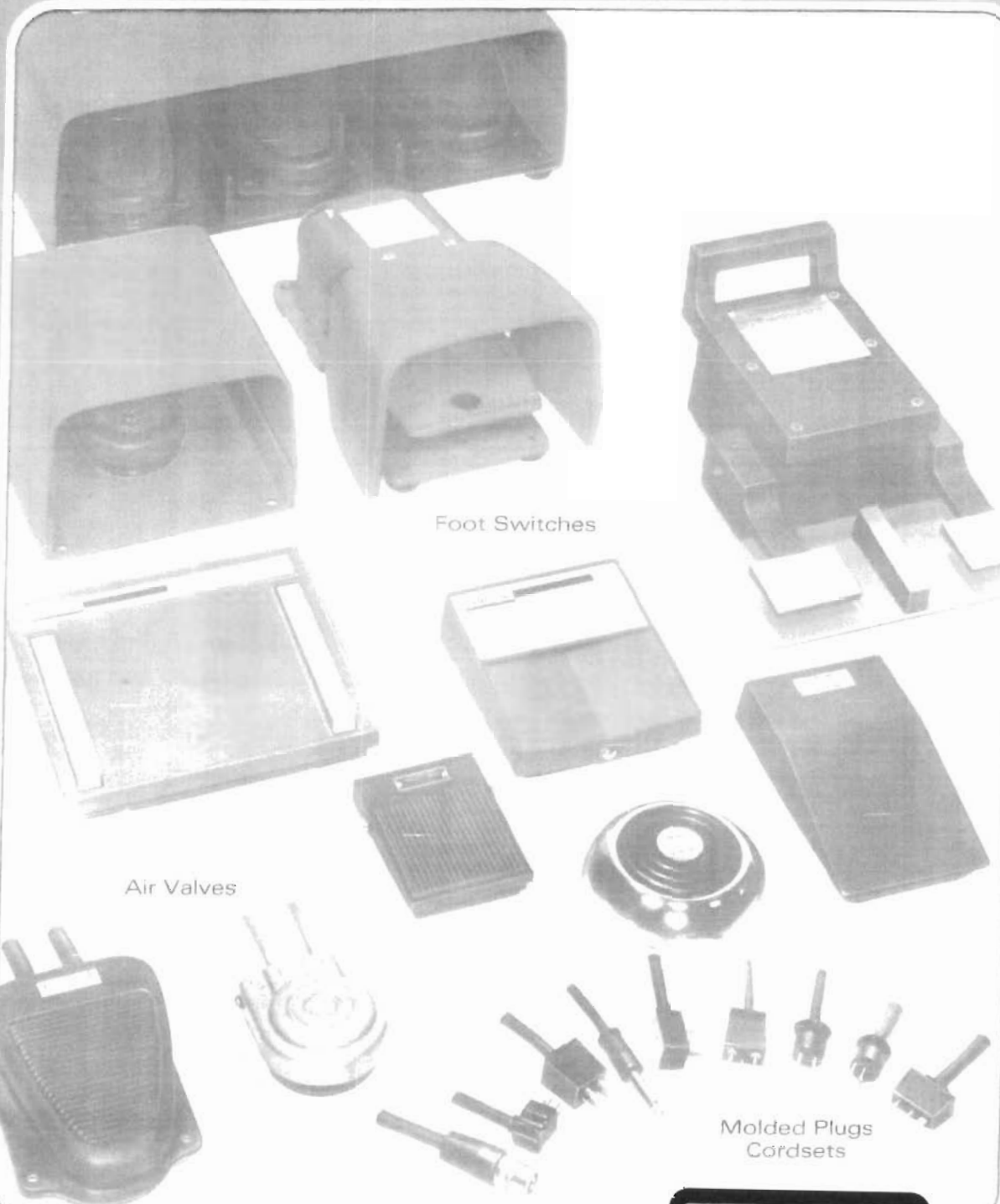


LINEMASTER®

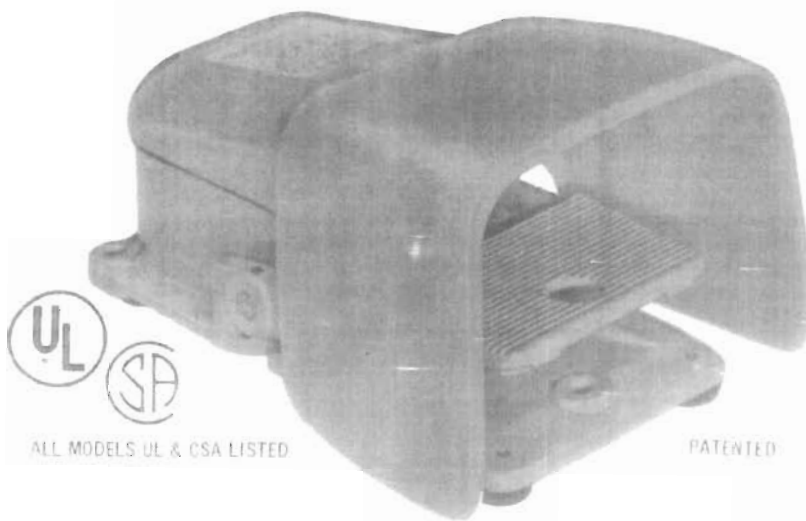


DEFENDANT'S EXHIBIT

0
04-249E

LINEMASTER

ANTI-TRIP FOOT CONTROL advanced design prevents Accidental Actuation



ALL MODELS UL & CSA LISTED

PATENTED

PATENT PENDING



New heavy duty foot switch features an anti-trip treadle mechanism that prevents accidental actuation through unintentional stepping on foot treadle.

Will withstand sudden shock force from kicking or dropping. Tested for 3 foot drops on cement floor without actuation of switch contacts.

Switch operation requires that the latch trip lever be released prior to depressing the foot treadle. An in-line foot pressure is applied to the latch trip lever located at the rear of the foot treadle.

Smooth trip lever release and treadle depression motion results in good rate of operation.

Complies with Occupational Safety & Health Act provisions for full shielding of foot controls.

Oversize "O" Shield models accept oversized safety shoes and metatarsal foot guards.

Dual 1/2"-14 pipe thread conduit opening models available.



Painted Alert Orange

Dual mechanism and springs for treadle return and latching.

1/2" 14 pipe thread conduit opening

Anti skid rubber feet and 3 holes for rigid mounting to floor or equipment.

Driptight Dusttight
Watertight Giltight
NEMA Types 2, 4 & 13

Dimensions 9" x 5 1/4" x 4 1/4"

Weight—Approximately 7 lbs

EXAMPLE OF CIRCUIT DESCRIPTIONS

CIRCUIT	TREADLE UP	TREADLE DOWN
SPDT		
SPDT DB (Double Break)		

SPECIFICATIONS

WARNING See page 2

	FULL SHIELD	"O" SHIELD	WITH GATE	STAGE	CIRCUIT
	511-B	511-B0	511-BG	Single	SPDT
	511-B2*	511-B20*	511-B2G*	Single	DPDT
	511-B2A	511-B20A	511-B2GA	Two	SPDT
	511-B3	511-B30	511-B3G	Single	SPDT DB*
	511-B4*	511-B40*	511-B4G*	Single	DPDT DB†
	511-B4A	511-B40A	511-B4GA	Two	SPDT DB†

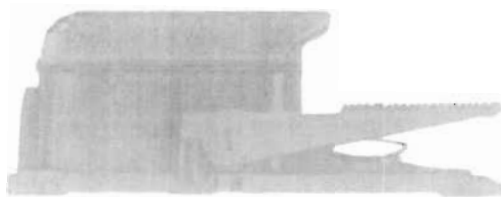
ELECTRICAL RATINGS & COMMENTS

20 Amps 125-250 VAC
1 HP 125-250 VAC
Heavy Pilot Duty 250 VAC Max

15 Amps 125-250 VAC
1/2 HP 125 VAC 1 HP 250 VAC
Heavy Pilot Duty 250 VAC Max
Must be wired to equal voltage sources and the same polarity. The loads should be on the same sides of the line.

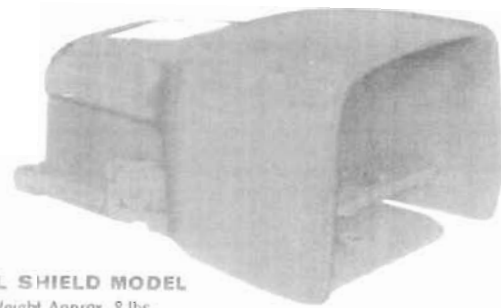
The pole of these models has an adjustable actuating mechanism that enables you to make or break one pole before the other. EXAMPLE: You can break the N.G. Circuit long before you would remove an N.C. Circuit in a 511-B2.

HERCULES Heavy Duty Foot Switch



WITHOUT GUARD

Weight Approx. 6½ lbs.

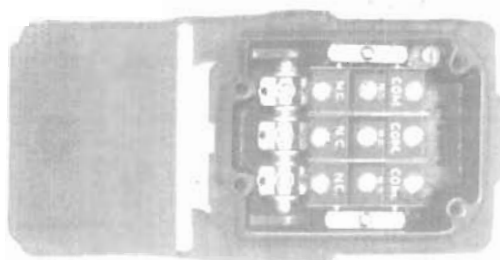


FULL SHIELD MODEL

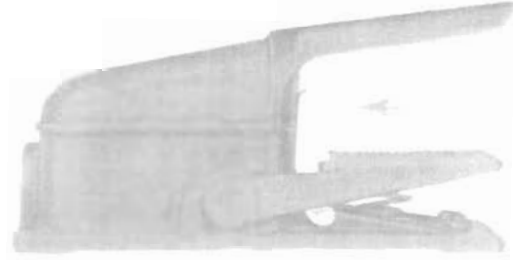
Weight Approx. 8 lbs.

*Shielded cover cast aluminum

ADJUSTING SCREWS



EASY TO WIRE AND ADJUST



MAINTAINED LATCH UNDER GUARD

Driptight ➤ **Dusttight**
Watertight ➤ **Oiltight**
NEMA Types 2, 4 & 13

DIMENSIONS* 8 1/8" x 4 1/4" x 4 1/2"

Weight Approx. 7 1/4 lbs.

* SHIELD cover available for field installation on standard models. Catalog No. 534-E7, painted alert orange.

The rugged cast iron enclosure has sufficient weight to keep the switch from sliding across the floor when being operated. All Hercules switches have a 1/4"-14 pipe thread conduit opening. Oiltight-watertight models have a neoprene cover gasket, plus a seal around the activating shaft. Separate #8 ground screw provided in all models. Alert orange finish. In all Maintained Contact Models the release is accomplished by simply pressing the latch with a light forward movement of the toe. This release is placed under the safety guard so falling objects cannot easily release it. In the two and three stage switches the sequence of latching can be selective if desired. In the standard models they are progressive.

SPECIFICATIONS

WARNING See page 2

Dual 1/4"-14 pipe thread conduit opening models available.

OILTIGHT-WATERTIGHT			STAGE	CIRCUIT	ELECTRICAL RATINGS	COMMENTS
FULL SHIELD	"O" SHIELD	WITHOUT GUARD				
UL (SFA) 531 SWH 571 DWH	531 SWHO 571 DWHO	531 SWN 571 DWN	Single	SPDT	20 Amps 125-250 VAC 1 HP 125-250 VAC Heavy Pilot Duty 250 VAC Max.	Simple start and stop foot switch. Can be wired NO, NC or SPDT.
UL (SFA) 532 SWH 572 DWH	532 SWHO 572 DWHO	532 SWN 572 DWN	Single	DPDT		DPDT switch can also be adjusted so one circuit operates before the other.
533 SWH 573 DWH	533 SWHO 573 DWHO	533 SWN 573 DWN	Single	TPDT		TPDT switch can also be adjusted so 1 or 2 circuits operate before the 3rd.
UL (SFA) 534 SWH 574 DWH	534 SWHO 574 DWHO	534 SWN 574 DWN	Two	SPDT		Distinct "feel" between the two stages. Each stage SPDT.
535 SWH 575 DWH	535 SWHO 575 DWHO	535 SWN 575 DWN	Three	SPDT		Distinct "feel" between the three stages. Each stage SPDT.
UL (SFA) 536 SWH 576 DWH	536 SWHO 576 DWHO	536 SWN 576 DWN	Single	SPDT DB*		15 Amps 125-250 VAC 1 HP 125 VAC 1 HP 250 VAC Heavy Pilot Duty 250 VAC Max.
UL (SFA) 537 SWH 577 DWH	537 SWHO 577 DWHO	537 SWN 577 DWN	Single	DPDT DB*	*DB Double Break models have (4) four terminal interior snap switches and must be wired to equal voltage sources and the same polarity. The loads should be on the same sides of the line.	
UL (SFA) 538 SWH 578 DWH	538 SWHO 578 DWHO	538 SWN 578 DWN	Two	SPDT DB*		

S Denotes MOMENTARY CONTACT—Press to Start—Release to Stop
 D Denotes MAINTAINED CONTACT—Press to Start—Press Latch to Stop

Overview: O SHIELD models available to accept oversized safety shoes and metatarsal foot guards